

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09692420 on November 01, 2001

4 375/219 (2 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/219 TRANSCEIVERS

4 455/260 (0 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS

455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER

455/230 .Local control of receiver operation

455/255 ..Local oscillator frequency control

455/257 ...Automatic

455/258Utilizing particular local oscillator
control

455/259Reference oscillator or source

455/260Phase lock loop or frequency synthesizer

4 455/86 (2 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
TRANSCEIVER)

455/84 .With a common signal processing stage

455/86 ..Transmitter oscillator used as local
oscillator

3 331/25 (0 OR, 3 XR)

Class 331 : OSCILLATORS

331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHASE
OR FREQUENCY SENSING MEANS

331/18 .With reference oscillator or source

331/25 ..Signal or phase comparator

3 455/296 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER

455/296 .Noise or interference elimination

3 455/73 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,

TRANSCEIVER)

3 455/78 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
TRANSCEIVER)

455/78 .With transmitter-receiver switching or
interaction prevention

3 455/84 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
TRANSCEIVER)

455/84 .With a common signal processing stage

3 455/87 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,
TRANSCEIVER)

455/84 .With a common signal processing stage

455/86 ..Transmitter oscillator used as local

oscillator

455/87 ...Tunable or variable

2 330/149 (0 OR, 2 XR)

Class 330 : AMPLIFIERS

330/149 HUM OR NOISE OR DISTORTION BUCKING INTRODUCED
INTO SIGNAL CHANNEL

2 330/252 (1 OR, 1 XR)

Class 330 : AMPLIFIERS

330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,
TRANSISTOR)

330/252 .Including differential amplifier

2 330/284 (0 OR, 2 XR)

Class 330 : AMPLIFIERS

330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,
TRANSISTOR)

330/278 .Including gain control means

330/284 ..Having attenuation means in signal
transmission path

2 330/285 (0 OR, 2 XR)

Class 330 : AMPLIFIERS

- 330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,
TRANSISTOR)
330/278 .Including gain control means
330/285 ..Having particular biasing means
- 2 330/305 (0 OR, 2 XR)
Class 330 : AMPLIFIERS
330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,
TRANSISTOR)
330/302 .Including frequency-responsive means in the
signal transmission path
330/305 ..And tuning means
- 2 330/306 (2 OR, 0 XR)
Class 330 : AMPLIFIERS
330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,
TRANSISTOR)
330/302 .Including frequency-responsive means in the
signal transmission path
330/306 ..And bandpass, broadband (e.g., wideband) or
sidepass means
- 2 330/311 (0 OR, 2 XR)
Class 330 : AMPLIFIERS
330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,
TRANSISTOR)
330/310 .Including plural stages cascaded
330/311 ..Having different configurations
- 2 330/51 (2 OR, 0 XR)
Class 330 : AMPLIFIERS
330/51 COMBINED WITH AUTOMATIC AMPLIFIER DISABLING
SWITCH MEANS
- 2 331/117R (2 OR, 0 XR)
Class 331 : OSCILLATORS
331/107R SOLID STATE ACTIVE ELEMENT OSCILLATOR
331/108R .Transistors
331/117R ..L-C type
- 2 331/17 (1 OR, 1 XR)
Class 331 : OSCILLATORS
331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHASE
OR FREQUENCY SENSING MEANS
331/17 .Particular error voltage control (e.g.,

intergrating network)

2 331/177V (0 OR, 2 XR)

Class 331 : OSCILLATORS

331/177R WITH FREQUENCY ADJUSTING MEANS

331/177V .With voltage sensitive capacitor

2 331/179 (0 OR, 2 XR)

Class 331 : OSCILLATORS

331/177R WITH FREQUENCY ADJUSTING MEANS

331/179 .Step-frequency change (e.g., band selection,
frequency-shift keying)

2 331/1A (0 OR, 2 XR)

Class 331 : OSCILLATORS

331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHASE
OR FREQUENCY SENSING MEANS

331/1A .AFC with logic elements

2 331/36C (0 OR, 2 XR)

Class 331 : OSCILLATORS

331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHASE
OR FREQUENCY SENSING MEANS

331/34 .Particular frequency control means

331/36R ..Reactance device (e.g., variable capacitors,
saturable inductors, reactance tubes, etc.)

331/36C ...Capacitor controlled AFC

2 331/36L (0 OR, 2 XR)

Class 331 : OSCILLATORS

331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHASE
OR FREQUENCY SENSING MEANS

331/34 .Particular frequency control means

331/36R ..Reactance device (e.g., variable capacitors,
saturable inductors, reactance tubes, etc.)

331/36L ...Inductor controlled AFC

2 342/128 (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/118 DETERMINING DISTANCE

342/128 .With frequency modulation

2 342/175 (1 OR, 1 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS

AND DEVICES
342/175 WITH PARTICULAR CIRCUIT

2 342/70 (1 OR, 1 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/61 RETURN SIGNAL CONTROLS EXTERNAL DEVICE

342/70 .Radar mounted on and controls land vehicle

2 375/329 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS

375/322 .Angle modulation

375/329 ..Phase shift keying

2 375/346 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS

375/346 .Interference or noise reduction

2 455/115 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/91 TRANSMITTER

455/115 .Measuring, testing, or monitoring of
transmitter

2 455/127 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/91 TRANSMITTER

455/127 .Power or bias voltage supply

2 455/191.2 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER

455/150.1 .Signal selection based on frequency (e.g.,
tuning)

455/188.1 ..Band selection

455/191.1 ...With plurality of tuned circuits

455/191.2Varactor tuned

2 455/324 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER

- 455/313 .Frequency modifying or conversion
 - 455/323 ..Particular frequency conversion structure or circuitry
 - 455/324 ...Homodyne (i.e., zero beat or synchrodyne reception)
- 2 455/76 (1 OR, 1 XR)
- Class 455 : TELECOMMUNICATIONS
- 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G., TRANSCEIVER)
 - 455/75 .With frequency stabilization (e.g., automatic frequency control)
 - 455/76 ..Synthesizer
- 2 455/80 (0 OR, 2 XR)
- Class 455 : TELECOMMUNICATIONS
- 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G., TRANSCEIVER)
 - 455/78 .With transmitter-receiver switching or interaction prevention
 - 455/79 ..Automatic (e.g., voice operated)
 - 455/80 ...With distributed parameter coupling
- 2 455/83 (0 OR, 2 XR)
- Class 455 : TELECOMMUNICATIONS
- 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G., TRANSCEIVER)
 - 455/78 .With transmitter-receiver switching or interaction prevention
 - 455/83 ..Single antenna switched between transmitter and receiver

Most Frequently Occurring Classifications of Patents Returned
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Original Classifications

2 330/306
2 330/51
2 331/117R
2 375/219
2 455/86

Cross-Reference Classifications

4 455/260
3 331/25
3 455/296
3 455/73
3 455/78
3 455/87
2 330/149
2 330/284
2 330/285
2 330/305
2 330/311
2 331/177V
2 331/179
2 331/1A
2 331/36C
2 331/36L
2 342/128
2 375/219
2 375/329
2 455/115
2 455/127
2 455/191.2
2 455/80
2 455/83
2 455/84
2 455/86

Combined Classifications

4 375/219
4 455/260
4 455/86
3 331/25
3 455/296

3 455/73
3 455/78
3 455/84
3 455/87
2 330/149
2 330/252
2 330/284
2 330/285
2 330/305
2 330/306
2 330/311
2 330/51
2 331/117R
2 331/17
2 331/177V
2 331/179
2 331/1A
2 331/36C
2 331/36L
2 342/128
2 342/175
2 342/70
2 375/329
2 375/346
2 455/115
2 455/127
2 455/191.2
2 455/324
2 455/76
2 455/80
2 455/83

PLUS Search Results for S/N 09692420, Searched November 01, 2001

5568201
5892403
6240142
5418498
6147576
6081697
5495255
5614909
5805026
5828955
5881376
5930686
6118984
6175279
5825813
5893027
6218909
6218909
5635870
5903192
5770970
5471187
5515364
6201829
5455680
5416803
6100759
5777530
5278519
5406227
5697074
6215355
6215355
4797637
5400359
4626728
4247948
5590413
6118811
6009129
6111468
4979233
5432855

4977613
5568511
6194947
4287894
4442537
5894592
4573215